

## AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in the present application.

### Listing of Claims:

Claims 1-6 (canceled).

7 (previously presented). A method to increase production of at least one Th1 cytokine or to decrease production of at least one Th2 cytokine in an individual free of infection with an immunodeficiency-type retrovirus comprising administering an effective amount of a peptide ~~selected from the group consisting of peptides~~ consisting of ~~comprising~~ the amino acid sequence Cys Lys Pro Ile Ser Gly His Asn Ser Leu Phe Trp Tyr Arg Gln Thr (SEQ ID NO:1), to an human individual free of infection with an immunodeficiency-type retrovirus in an amount sufficient to increase production of at least one Th1 cytokine or decrease production of at least one Th2 cytokine.

Claims 8-23 (canceled).

24 (previously presented). The method according to claim 7 in which the Th1 cytokine is selected from the group consisting of interleukin 2 and interferon- $\gamma$ .

25 (previously presented). The method according to claim 7 in which the Th2 cytokine is selected from the group consisting of interleukin-4, interleukin 5, interleukin 6, interleukin 10 and immunoglobulin G.